PTO/SB/08a (08-03 )

Approved for use through 07/31/2006, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number		10628751	
	Filing Date		2003-07-28	
INFORMATION DISCLOSURE	First Named Inventor	Rama	arathnam Venkatesan	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2624	
(Not for Submission dilder 57 Of R 1.99)	Examiner Name Anh I		h H. Do	
	Attorney Docket Numb	er	MS1-0422USC1	

	U.S.PATENTS							
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages of Relevant Figures Appear		
AD	1	5734432	·	1998-03-31	Netravali, ; et al.	375/240.05		
	2	6246777		2001-06-12	Agarwai, ; et al.	382/100		
	3	6278385		2001-08-21	Kondo, ; et al.	341/50		
	4	6768980		2004-07-27	Meyer, ; et al.	704/500		
	5	6971013		2005-11-29	Mihcak, ; et al.	713/180		
	6	6973574		2005-12 <b>-</b> 06	Mihcak, ; et al.	713/180		
	7	6996273		2006-02-07	Mihcak, ; et al.	382/181		
AD	8	7095873		2006-08-22	Venkatesan, ; et al.	382/100		

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Application Number		10628751		
Filing Date		2003-07-28		
First Named Inventor	Ram	arathnam Venkatesan		
Art Unit		2624		
Examiner Name	Anh	H. Do		
Attorney Docket Number		MS1-0422USC1		

10	T			[	·			Τ		
M)	9	7152163		2006-1	2-19	Mihcak, ; et al		7	13/180	
AD	10	7188065		2007-0	3-06	Mihcak, ; et al		70	4/270	
If you wis	If you wish to add additional U.S. Patent citation information please click the Add button.									
U.S.PATENT APPLICATION PUBLICATIONS										
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publica Date	ation	Name of Pat of cited Docu	entee or Applicant ument	Releva	,Columns,Lines where ant Passages or Relevant s Appear	
B	1	20050065974	A1	2005-0	3-24	Mihcak, M. Kiv	vanc; et al.	70	7/1034	
M	2	20050071377	A1	2005-0	3-31	Mihcak, M. Kiv	vanc; et al.	70	7/104.1	
AD	3	20050076229	A1	2005-04	4-07	Mihcak, M. Kiv	vanc; et al.	7	13/819	
M	4	20050084103	A1	2005-04	4-21	Mihcak, M. Kiv	ranc; et al.	38	20/202	
AD	5	20050165690	A1	2005-07	7-28	Liu, Tie; et al.	·	70.	5/57	
If you wish	to ac	ld additional U.S. Publi	shed Ap	olication	citatio	n information p	lease click the Ado	button.		
·				FOREI	GN PA1	ENT DOCUM	ENTS			
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>		Kind Code4	Publication Date	Name of Patentee Applicant of cited Document	ν F	Pages,Columns,Lines where Relevant Passages or Relevant Tigures Appear	

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

A . V . C . N	·			
Application Number		10628751		
Filing Date		2003-07-28		
First Named Inventor Rama		arathnam Venkatesan		
Art Unit		2624		
Examiner Name Anh F		H. Do		
Attorney Docket Number		MS1-0422USC1		

<del></del>	~	<del> </del>					
AD	1	JP2000050057		2000-02-18	CANON KK	H04N 1/387	
AD	2	JP2000350007		2000-12-15	<b>RICOH KK</b>	HOAN 1/387	
If you wis	h to ac	dd additional Foreign Pa	atent Document	citation information pl	ease click the Add bu	tton	-
			NON-PATEN	IT LITERATURE DO	CUMENTS		
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.					Тѕ
	1						
If you wist	h to ac	ld additional non-paten	literature docum	nent citation information	on please click the Ad	d button	
		_	EXA	AMINER SIGNATURI	<b>E</b>		
Examiner	Signa	ture Aw	1/00		Date Considered	7/2/07	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.							

	Application Number		10628751	
	Filing Date		2003-07-28	
INFORMATION DISCLOSURE	First Named Inventor Rama		marathnam Venkatesan	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2624	
(Not lot adminission under 37 CFR 1.33)	Examiner Name Anh		H. Do	
	Attorney Docket Numb	er	MS1-0422USC1	

·					U.S.	PATENTS				
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	issue (	Date	of cited Document		Pages, Columns, Lines where Relevant Passages or Releva Figures Appear		ant
A	1	5093869		1992-03	3-03	Alves, ; et al.		3	32/199	
If you wis	n to a	dd additional U.S. Pate	nt citatio	n inform	ation pl	ease click the	Add button.		<del>.</del>	
			U.S.P	ATENT	APPLI	CATION PUB	LICATIONS			
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Name of Patentee or Apploate of cited Document			Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear			
AD	1	20020196976	A1	2002-12	2-26	Mihcak, M. Kivanc; et al.		38	2/173	٠
If you wisi	to ac	id additional U.S. Publi	shed Ap	plication	citation	n information p	please click the Add	button.		
				FOREIG	GN PAT	ENT DOCUM	ENTS	·		
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>		Kind Code <sup>4</sup>	Publication Date	Name of Patentee Applicant of cited Document	or wh	ges,Columns,Lines ere Relevant ssages or Relevant jures Appear	75
	1									
If you wish	to ac	ld additional Foreign Pa	atent Do	cument	citation	information pl	ease click the Add	button		•
		· ·				RATURE DO				
Examiner Initials*	Cite No	Include name of the a (book, magazine, joun publisher, city and/or o	nal, seria	al, symp	osium, 4	catalog, etc), o	the article (when a late, pages(s), volu	opropriate me-issue	), title of the item number(s),	T5

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Attorney Docket Number		MS1-0422USC1		
Examiner Name	Anh	H. Do		
Art Unit		2624		
First Named Inventor	Ran	narathnam Venkatesan		
Filing Date		2003-07-28		
Application Number		10628751		

	T							
An	1	Cheng et al. "Aircraft identification based on the algebraic method" Hybrid Image and Signal Processing III, Vol. 1702, 04/23/1992, Pgs. 298-305.						
M	2	Kozat S. S. et al., "Robust Preceptual Image Hashing Via Matrix Invariants" Image Processing, 2004. 10-24-2004						
#	3	Venkatesan, et al., "image Hashing", Microsoft Research, March 24, 2000, pp. 1-8						
If you wis	h to ac	add additional non-patent literature document citation information please click	the Add button	<u> </u>				
		EXAMINER SIGNATURE						
Examiner	Signa	nature Autho Date Cons	sidered 7/3/17					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
<sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="https://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.								